

Assumes 1 year shut-down of the R. Paul Smith EGU

Conversion factor from NO₂ to N = 0.30435

Assume the units of the transfer function are kg-N to English Tons N Emissions

R. Paul Smith 1 year shut-down Reduction Estimate Deposited on Watershed

Total NOx "as NO₂" = 167.211 tons/yr net emission decrease

Total NOx as N = 50.89030 tons/yr net emission decrease

Decrease of N deposition on CB Watershed = 8,407 kg/yr net deposition decrease

18,533 lb/yr net deposition decrease

R. Paul Smith Shut-Down Reduction Estimate Delivered to Bay

Watershed average = 0.07124

18,533 lb/yr net deposition decrease time watershed average N attenuation = 0.07124 * 18,533 lb/yr =

R.Paul Smith Shut-Down Reduction Estimate to Tidal Bay

Total NOx as N = 50.8903 tons/yr net **emission decrease**

Decrease of N deposition on Tidal Bay = 551 kg/yr net **deposition decrease**
1,215 lb/yr net **deposition decrease**

TOTAL ESTIMATED DELIVERED N LOAD TO CB DUE TO 1 year Shut-Down of R. Paul Smith REDUCTION

18,533 lbs/yr decreased N load to the Bay from CB Watershed

1,215 lb/yr net **deposition decrease** to tidal Bay

19,748 lbs/yr decreased N load to the Bay from CB Watershed and Tidal Bay

ion decrease

1,320 lbs/yr decreased N load to the Bay from CB Watershed

State	Facility Name	Facility ID (C Unit ID)	Year	Owner	Operator	County
MD	AES Warrior	10678	1	2000		Allegany
MD	AES Warrior	10678	1	2001		Allegany
MD	AES Warrior	10678	1	2002		Allegany
MD	AES Warrior	10678	1	2003AES Corpora	AES Corpora	Allegany
MD	AES Warrior	10678	1	2004AES Corpora	AES Corpora	Allegany
MD	AES Warrior	10678	1	2005AES Corpora	AES Corpora	Allegany
MD	AES Warrior	10678	1	2006AES Corpora	AES Corpora	Allegany
MD	AES Warrior	10678	1	2007AES Corpora	AES Corpora	Allegany
MD	AES Warrior	10678	1	2008AES Corpora	AES Corpora	Allegany
MD	AES Warrior	10678	1	2009AES Corpora	AES Corpora	Allegany
MD	AES Warrior	10678	1	2010AES Corpora	AES Corpora	Allegany
MD	AES Warrior	10678	1	2011AES Corpora	AES Corpora	Allegany
MD	AES Warrior	10678	1	2012AES Corpora	AES Corpora	Allegany
MD	AES Warrior	10678	1	2013AES Corpora	AES Corpora	Allegany
MD	Brandon Shol	602	1	1980		Anne Arundel
MD	Brandon Shol	602	1	1985		Anne Arundel
MD	Brandon Shol	602	1	1990		Anne Arundel
MD	Brandon Shol	602	1	1995		Anne Arundel
MD	Brandon Shol	602	1	1996		Anne Arundel
MD	Brandon Shol	602	1	1997		Anne Arundel
MD	Brandon Shol	602	1	1998		Anne Arundel
MD	Brandon Shol	602	1	1999		Anne Arundel
MD	Brandon Shol	602	1	2000Constellation	Constellation Anne Arundel	
MD	Brandon Shol	602	1	2001Constellation	Constellation Anne Arundel	
MD	Brandon Shol	602	1	2002Constellation	Constellation Anne Arundel	
MD	Brandon Shol	602	1	2003Constellation	Constellation Anne Arundel	
MD	Brandon Shol	602	1	2004Constellation	Constellation Anne Arundel	
MD	Brandon Shol	602	1	2005Constellation	Constellation Anne Arundel	
MD	Brandon Shol	602	1	2006Constellation	Constellation Anne Arundel	
MD	Brandon Shol	602	1	2007Constellation	Constellation Anne Arundel	
MD	Brandon Shol	602	1	2008Constellation	Constellation Anne Arundel	
MD	Brandon Shol	602	1	2009Constellation	Constellation Anne Arundel	
MD	Brandon Shol	602	1	2010Constellation	Constellation Anne Arundel	
MD	Brandon Shol	602	1	2011Constellation	Constellation Anne Arundel	
MD	Brandon Shol	602	1	2012Constellation	Constellation Anne Arundel	
MD	Brandon Shol	602	1	2013Raven Power	Raven Power	Anne Arundel
MD	Brandon Shol	602	2	1980		Anne Arundel
MD	Brandon Shol	602	2	1985		Anne Arundel
MD	Brandon Shol	602	2	1990		Anne Arundel
MD	Brandon Shol	602	2	1995		Anne Arundel
MD	Brandon Shol	602	2	1996		Anne Arundel
MD	Brandon Shol	602	2	1997		Anne Arundel

MD	Brandon Shoi	602	2	1998	Anne Arundel
MD	Brandon Shoi	602	2	1999	Anne Arundel
MD	Brandon Shoi	602	2	2000 Constellation	Constellation Anne Arundel
MD	Brandon Shoi	602	2	2001 Constellation	Constellation Anne Arundel
MD	Brandon Shoi	602	2	2002 Constellation	Constellation Anne Arundel
MD	Brandon Shoi	602	2	2003 Constellation	Constellation Anne Arundel
MD	Brandon Shoi	602	2	2004 Constellation	Constellation Anne Arundel
MD	Brandon Shoi	602	2	2005 Constellation	Constellation Anne Arundel
MD	Brandon Shoi	602	2	2006 Constellation	Constellation Anne Arundel
MD	Brandon Shoi	602	2	2007 Constellation	Constellation Anne Arundel
MD	Brandon Shoi	602	2	2008 Constellation	Constellation Anne Arundel
MD	Brandon Shoi	602	2	2009 Constellation	Constellation Anne Arundel
MD	Brandon Shoi	602	2	2010 Constellation	Constellation Anne Arundel
MD	Brandon Shoi	602	2	2011 Constellation	Constellation Anne Arundel
MD	Brandon Shoi	602	2	2012 Constellation	Constellation Anne Arundel
MD	Brandon Shoi	602	2	2013 Raven Power	Raven Power Anne Arundel
MD	C P Crane	1552	1	1980	Baltimore
MD	C P Crane	1552	1	1985	Baltimore
MD	C P Crane	1552	1	1990	Baltimore
MD	C P Crane	1552	1	1995	Baltimore
MD	C P Crane	1552	1	1996	Baltimore
MD	C P Crane	1552	1	1997	Baltimore
MD	C P Crane	1552	1	1998	Baltimore
MD	C P Crane	1552	1	1999	Baltimore
MD	C P Crane	1552	1	2000 Constellation	Constellation Baltimore
MD	C P Crane	1552	1	2001 Constellation	Constellation Baltimore
MD	C P Crane	1552	1	2002 Constellation	Constellation Baltimore
MD	C P Crane	1552	1	2003 Constellation	Constellation Baltimore
MD	C P Crane	1552	1	2004 Constellation	Constellation Baltimore
MD	C P Crane	1552	1	2005 Constellation	Constellation Baltimore
MD	C P Crane	1552	1	2006 Constellation	Constellation Baltimore
MD	C P Crane	1552	1	2007 Constellation	Constellation Baltimore
MD	C P Crane	1552	1	2008 Constellation	Constellation Baltimore
MD	C P Crane	1552	1	2009 Constellation	Constellation Baltimore
MD	C P Crane	1552	1	2010 Constellation	Constellation Baltimore
MD	C P Crane	1552	1	2011 Constellation	Constellation Baltimore
MD	C P Crane	1552	1	2012 Constellation	Constellation Baltimore
MD	C P Crane	1552	1	2013 C.P. Crane LIC.	P. Crane LI Baltimore
MD	C P Crane	1552	2	1980	Baltimore
MD	C P Crane	1552	2	1985	Baltimore
MD	C P Crane	1552	2	1990	Baltimore
MD	C P Crane	1552	2	1995	Baltimore
MD	C P Crane	1552	2	1996	Baltimore

MD	C P Crane	1552	2	1997	Baltimore
MD	C P Crane	1552	2	1998	Baltimore
MD	C P Crane	1552	2	1999	Baltimore
MD	C P Crane	1552	2	2000	Constellation Constellation Baltimore
MD	C P Crane	1552	2	2001	Constellation Constellation Baltimore
MD	C P Crane	1552	2	2002	Constellation Constellation Baltimore
MD	C P Crane	1552	2	2003	Constellation Constellation Baltimore
MD	C P Crane	1552	2	2004	Constellation Constellation Baltimore
MD	C P Crane	1552	2	2005	Constellation Constellation Baltimore
MD	C P Crane	1552	2	2006	Constellation Constellation Baltimore
MD	C P Crane	1552	2	2007	Constellation Constellation Baltimore
MD	C P Crane	1552	2	2008	Constellation Constellation Baltimore
MD	C P Crane	1552	2	2009	Constellation Constellation Baltimore
MD	C P Crane	1552	2	2010	Constellation Constellation Baltimore
MD	C P Crane	1552	2	2011	Constellation Constellation Baltimore
MD	C P Crane	1552	2	2012	Constellation Constellation Baltimore
MD	C P Crane	1552	2	2013	C.P. Crane LIC.P. Crane LI Baltimore
MD	Chalk Point	1571 **GT3		1995	Prince Georg
MD	Chalk Point	1571 **GT3		1996	Prince Georg
MD	Chalk Point	1571 **GT3		1997	Prince Georg
MD	Chalk Point	1571 **GT3		1998	Prince Georg
MD	Chalk Point	1571 **GT3		1999	Prince Georg
MD	Chalk Point	1571 **GT3		2000	Prince Georg
MD	Chalk Point	1571 **GT3		2001	Prince Georg
MD	Chalk Point	1571 **GT3		2002	Prince Georg
MD	Chalk Point	1571 **GT3		2003	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 **GT3		2004	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 **GT3		2005	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 **GT3		2006	GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571 **GT3		2007	GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571 **GT3		2008	GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571 **GT3		2009	GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571 **GT3		2010	GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571 **GT3		2011	GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571 **GT3		2012	GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571 **GT3		2013	GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571 **GT4		1995	Prince Georg
MD	Chalk Point	1571 **GT4		1996	Prince Georg
MD	Chalk Point	1571 **GT4		1997	Prince Georg
MD	Chalk Point	1571 **GT4		1998	Prince Georg
MD	Chalk Point	1571 **GT4		1999	Prince Georg
MD	Chalk Point	1571 **GT4		2000	Prince Georg
MD	Chalk Point	1571 **GT4		2001	Prince Georg

MD	Chalk Point	1571 **GT6		2007 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571 **GT6		2008 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571 **GT6		2009 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571 **GT6		2010 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571 **GT6		2011 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571 **GT6		2012 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571 **GT6		2013 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571	1	1980 Prince Georg
MD	Chalk Point	1571	1	1985 Prince Georg
MD	Chalk Point	1571	1	1990 Prince Georg
MD	Chalk Point	1571	1	1995 Prince Georg
MD	Chalk Point	1571	1	1996 Prince Georg
MD	Chalk Point	1571	1	1997 Pepco EnergyPepco EnergyPrince Georg
MD	Chalk Point	1571	1	1998 Pepco EnergyPepco EnergyPrince Georg
MD	Chalk Point	1571	1	1999 Pepco EnergyPepco EnergyPrince Georg
MD	Chalk Point	1571	1	2000 Southern EnergySouthern EnergyPrince Georg
MD	Chalk Point	1571	1	2001 GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571	1	2002 GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571	1	2003 GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571	1	2004 GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571	1	2005 GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571	1	2006 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571	1	2007 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571	1	2008 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571	1	2009 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571	1	2010 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571	1	2011 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571	1	2012 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571	1	2013 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571	2	1980 Prince Georg
MD	Chalk Point	1571	2	1985 Prince Georg
MD	Chalk Point	1571	2	1990 Prince Georg
MD	Chalk Point	1571	2	1995 Prince Georg
MD	Chalk Point	1571	2	1996 Pepco EnergyPepco EnergyPrince Georg
MD	Chalk Point	1571	2	1997 Pepco EnergyPepco EnergyPrince Georg
MD	Chalk Point	1571	2	1998 Pepco EnergyPepco EnergyPrince Georg
MD	Chalk Point	1571	2	1999 Pepco EnergyPepco EnergyPrince Georg
MD	Chalk Point	1571	2	2000 Southern EnergySouthern EnergyPrince Georg
MD	Chalk Point	1571	2	2001 GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571	2	2002 GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571	2	2003 GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571	2	2004 GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571	2	2005 GenOn Mid-AGenOn Mid-APrince Georg

MD	Chalk Point	1571	4	2005 GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571	4	2006 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571	4	2007 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571	4	2008 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571	4	2009 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571	4	2010 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571	4	2011 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571	4	2012 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571	4	2013 GenOn ChalkGenOn ChalkPrince Georg
MD	Chalk Point	1571 GT1	1998	Prince Georg
MD	Chalk Point	1571 GT1	1999	Prince Georg
MD	Chalk Point	1571 GT1	2000	Prince Georg
MD	Chalk Point	1571 GT1	2001	Prince Georg
MD	Chalk Point	1571 GT1	2002	Prince Georg
MD	Chalk Point	1571 GT2	1998	Prince Georg
MD	Chalk Point	1571 GT2	1999	Prince Georg
MD	Chalk Point	1571 GT2	2000	Prince Georg
MD	Chalk Point	1571 GT2	2001	Prince Georg
MD	Chalk Point	1571 GT2	2002	Prince Georg
MD	Chalk Point	1571 GT2	2003	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 GT2	2004	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 GT2	2005	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 GT2	2006	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 GT2	2007	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 GT2	2008	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 GT2	2009	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 GT2	2010	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 GT2	2011	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 GT2	2012	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 GT2	2013	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 SMECO	1998	Prince Georg
MD	Chalk Point	1571 SMECO	1999	Prince Georg
MD	Chalk Point	1571 SMECO	2000	Prince Georg
MD	Chalk Point	1571 SMECO	2001	Prince Georg
MD	Chalk Point	1571 SMECO	2002	Prince Georg
MD	Chalk Point	1571 SMECO	2003	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 SMECO	2004	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 SMECO	2005	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 SMECO	2006	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 SMECO	2007	GenOn Mid-AGenOn Mid-APrince Georg
MD	Chalk Point	1571 SMECO	2008	South Maryla GenOn ChalkPrince Georg
MD	Chalk Point	1571 SMECO	2009	South Maryla GenOn ChalkPrince Georg
MD	Chalk Point	1571 SMECO	2010	South Maryla GenOn ChalkPrince Georg

MD	Chalk Point	1571 SMECO		2011 South Maryla GenOn ChalkPrince Georg
MD	Chalk Point	1571 SMECO		2012 South Maryla GenOn ChalkPrince Georg
MD	Chalk Point	1571 SMECO		2013 South Maryla GenOn ChalkPrince Georg
MD	Dickerson	1572	1	1980 Montgomery
MD	Dickerson	1572	1	1985 Montgomery
MD	Dickerson	1572	1	1990 Montgomery
MD	Dickerson	1572	1	1995 Montgomery
MD	Dickerson	1572	1	1996 Montgomery
MD	Dickerson	1572	1	1997 Montgomery
MD	Dickerson	1572	1	1998 Montgomery
MD	Dickerson	1572	1	1999 Montgomery
MD	Dickerson	1572	1	2000 Southern EneSouthern EneMontgomery
MD	Dickerson	1572	1	2001 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	1	2002 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	1	2003 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	1	2004 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	1	2005 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	1	2006 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	1	2007 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	1	2008 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	1	2009 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	1	2010 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	1	2011 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	1	2012 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	1	2013 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	2	1980 Montgomery
MD	Dickerson	1572	2	1985 Montgomery
MD	Dickerson	1572	2	1990 Montgomery
MD	Dickerson	1572	2	1995 Montgomery
MD	Dickerson	1572	2	1996 Montgomery
MD	Dickerson	1572	2	1997 Montgomery
MD	Dickerson	1572	2	1998 Montgomery
MD	Dickerson	1572	2	1999 Montgomery
MD	Dickerson	1572	2	2000 Southern EneSouthern EneMontgomery
MD	Dickerson	1572	2	2001 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	2	2002 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	2	2003 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	2	2004 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	2	2005 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	2	2006 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	2	2007 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	2	2008 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	2	2009 GenOn Mid-AGenOn Mid-AMontgomery

MD	Dickerson	1572	2	2010 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	2	2011 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	2	2012 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	2	2013 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	3	1980 Montgomery
MD	Dickerson	1572	3	1985 Montgomery
MD	Dickerson	1572	3	1990 Montgomery
MD	Dickerson	1572	3	1995 Montgomery
MD	Dickerson	1572	3	1996 Montgomery
MD	Dickerson	1572	3	1997 Montgomery
MD	Dickerson	1572	3	1998 Montgomery
MD	Dickerson	1572	3	1999 Montgomery
MD	Dickerson	1572	3	2000 Southern EneSouthern EneMontgomery
MD	Dickerson	1572	3	2001 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	3	2002 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	3	2003 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	3	2004 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	3	2005 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	3	2006 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	3	2007 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	3	2008 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	3	2009 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	3	2010 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	3	2011 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	3	2012 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572	3	2013 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572GT2		1995 Montgomery
MD	Dickerson	1572GT2		1996 Montgomery
MD	Dickerson	1572GT2		1997 Montgomery
MD	Dickerson	1572GT2		1998 Montgomery
MD	Dickerson	1572GT2		1999 Montgomery
MD	Dickerson	1572GT2		2000 Montgomery
MD	Dickerson	1572GT2		2001 Montgomery
MD	Dickerson	1572GT2		2002 Montgomery
MD	Dickerson	1572GT2		2003 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572GT2		2004 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572GT2		2005 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572GT2		2006 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572GT2		2007 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572GT2		2008 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572GT2		2009 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572GT2		2010 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572GT2		2011 GenOn Mid-AGenOn Mid-AMontgomery

MD	Dickerson	1572GT2		2012 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572GT2		2013 GenOn Mid-AGenOn Mid-AMontgomery
MD	Dickerson	1572GT3	1995	Montgomery
MD	Dickerson	1572GT3	1996	Montgomery
MD	Dickerson	1572GT3	1997	Montgomery
MD	Dickerson	1572GT3	1998	Montgomery
MD	Dickerson	1572GT3	1999	Montgomery
MD	Dickerson	1572GT3	2000	Montgomery
MD	Dickerson	1572GT3	2001	Montgomery
MD	Dickerson	1572GT3	2002	Montgomery
MD	Dickerson	1572GT3	2003 GenOn Mid-AGenOn Mid-AMontgomery	
MD	Dickerson	1572GT3	2004 GenOn Mid-AGenOn Mid-AMontgomery	
MD	Dickerson	1572GT3	2005 GenOn Mid-AGenOn Mid-AMontgomery	
MD	Dickerson	1572GT3	2006 GenOn Mid-AGenOn Mid-AMontgomery	
MD	Dickerson	1572GT3	2007 GenOn Mid-AGenOn Mid-AMontgomery	
MD	Dickerson	1572GT3	2008 GenOn Mid-AGenOn Mid-AMontgomery	
MD	Dickerson	1572GT3	2009 GenOn Mid-AGenOn Mid-AMontgomery	
MD	Dickerson	1572GT3	2010 GenOn Mid-AGenOn Mid-AMontgomery	
MD	Dickerson	1572GT3	2011 GenOn Mid-AGenOn Mid-AMontgomery	
MD	Dickerson	1572GT3	2012 GenOn Mid-AGenOn Mid-AMontgomery	
MD	Dickerson	1572GT3	2013 GenOn Mid-AGenOn Mid-AMontgomery	
MD	Gould Street	1553	3	1980 Baltimore (Cit)
MD	Gould Street	1553	3	1985 Baltimore (Cit)
MD	Gould Street	1553	3	1990 Baltimore (Cit)
MD	Gould Street	1553	3	1995 Baltimore (Cit)
MD	Gould Street	1553	3	1996 Baltimore (Cit)
MD	Gould Street	1553	3	1997 Baltimore (Cit)
MD	Gould Street	1553	3	1998 Baltimore (Cit)
MD	Gould Street	1553	3	1999 Baltimore (Cit)
MD	Gould Street	1553	3	2000 Baltimore (Cit)
MD	Gould Street	1553	3	2001 Baltimore (Cit)
MD	Gould Street	1553	3	2002 Baltimore (Cit)
MD	Gould Street	1553	3	2003 Constellation Constellation Baltimore (Cit)
MD	Gould Street	1553	3	2004 Constellation Constellation Baltimore (Cit)
MD	Gould Street	1553	3	2007 Constellation Constellation Baltimore (Cit)
MD	Gould Street	1553	3	2008 Constellation Constellation Baltimore (Cit)
MD	Gould Street	1553	3	2009 Constellation Constellation Baltimore (Cit)
MD	Gould Street	1553	3	2010 Constellation Constellation Baltimore (Cit)
MD	Gould Street	1553	3	2011 Constellation Constellation Baltimore (Cit)
MD	Gould Street	1553	3	2012 Constellation Constellation Baltimore (Cit)
MD	Gould Street	1553	3	2013 Constellation Constellation Baltimore (Cit)
MD	Herbert A Wa	1554	1	1980 Anne Arundel
MD	Herbert A Wa	1554	1	1985 Anne Arundel

MD	Herbert A Wæ	1554	1	1990	Anne Arundel
MD	Herbert A Wæ	1554	1	1995	Anne Arundel
MD	Herbert A Wæ	1554	1	1996	Anne Arundel
MD	Herbert A Wæ	1554	1	1997	Anne Arundel
MD	Herbert A Wæ	1554	1	1998	Anne Arundel
MD	Herbert A Wæ	1554	1	1999	Anne Arundel
MD	Herbert A Wæ	1554	1	2000	Anne Arundel
MD	Herbert A Wæ	1554	1	2001	Anne Arundel
MD	Herbert A Wæ	1554	1	2002	Anne Arundel
MD	Herbert A Wæ	1554	1	2003	Constellation Anne Arundel
MD	Herbert A Wæ	1554	1	2004	Constellation Anne Arundel
MD	Herbert A Wæ	1554	1	2005	Constellation Anne Arundel
MD	Herbert A Wæ	1554	1	2006	Constellation Anne Arundel
MD	Herbert A Wæ	1554	1	2007	Constellation Anne Arundel
MD	Herbert A Wæ	1554	1	2008	Constellation Anne Arundel
MD	Herbert A Wæ	1554	1	2009	Constellation Anne Arundel
MD	Herbert A Wæ	1554	1	2010	Constellation Anne Arundel
MD	Herbert A Wæ	1554	1	2011	Constellation Anne Arundel
MD	Herbert A Wæ	1554	1	2012	Constellation Anne Arundel
MD	Herbert A Wæ	1554	1	2013	Raven Power Anne Arundel
MD	Herbert A Wæ	1554	2	1980	Anne Arundel
MD	Herbert A Wæ	1554	2	1985	Anne Arundel
MD	Herbert A Wæ	1554	2	1990	Anne Arundel
MD	Herbert A Wæ	1554	2	1995	Anne Arundel
MD	Herbert A Wæ	1554	2	1996	Anne Arundel
MD	Herbert A Wæ	1554	2	1997	Anne Arundel
MD	Herbert A Wæ	1554	2	1998	Anne Arundel
MD	Herbert A Wæ	1554	2	1999	Anne Arundel
MD	Herbert A Wæ	1554	2	2000	Constellation Anne Arundel
MD	Herbert A Wæ	1554	2	2001	Constellation Anne Arundel
MD	Herbert A Wæ	1554	2	2002	Constellation Anne Arundel
MD	Herbert A Wæ	1554	2	2003	Constellation Anne Arundel
MD	Herbert A Wæ	1554	2	2004	Constellation Anne Arundel
MD	Herbert A Wæ	1554	2	2005	Constellation Anne Arundel
MD	Herbert A Wæ	1554	2	2006	Constellation Anne Arundel
MD	Herbert A Wæ	1554	2	2007	Constellation Anne Arundel
MD	Herbert A Wæ	1554	2	2008	Constellation Anne Arundel
MD	Herbert A Wæ	1554	2	2009	Constellation Anne Arundel
MD	Herbert A Wæ	1554	2	2010	Constellation Anne Arundel
MD	Herbert A Wæ	1554	2	2011	Constellation Anne Arundel
MD	Herbert A Wæ	1554	2	2012	Constellation Anne Arundel
MD	Herbert A Wæ	1554	2	2013	Raven Power Anne Arundel
MD	Herbert A Wæ	1554	3	1980	Anne Arundel

MD	Luke Paper C	50282PR005		2009 NewPage Co	NewPage Co	Allegany
MD	Luke Paper C	50282PR005		2010 NewPage Co	NewPage Co	Allegany
MD	Luke Paper C	50282PR005		2011 NewPage Co	NewPage Co	Allegany
MD	Luke Paper C	50282PR005		2012 Luke Paper C	Luke Paper C	Allegany
MD	Luke Paper C	50282PR005		2013 Luke Paper C	Luke Paper C	Allegany
MD	Morgantown	1573	1	1980		Charles
MD	Morgantown	1573	1	1985		Charles
MD	Morgantown	1573	1	1990		Charles
MD	Morgantown	1573	1	1995		Charles
MD	Morgantown	1573	1	1996		Charles
MD	Morgantown	1573	1	1997 Pepco Energ	Pepco Energ	Charles
MD	Morgantown	1573	1	1998 Pepco Energ	Pepco Energ	Charles
MD	Morgantown	1573	1	1999 Pepco Energ	Pepco Energ	Charles
MD	Morgantown	1573	1	2000 Southern Ene	Southern Ene	Charles
MD	Morgantown	1573	1	2001 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	1	2002 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	1	2003 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	1	2004 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	1	2005 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	1	2006 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	1	2007 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	1	2008 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	1	2009 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	1	2010 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	1	2011 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	1	2012 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	1	2013 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	2	1980		Charles
MD	Morgantown	1573	2	1985		Charles
MD	Morgantown	1573	2	1990		Charles
MD	Morgantown	1573	2	1995		Charles
MD	Morgantown	1573	2	1996		Charles
MD	Morgantown	1573	2	1997 Pepco Energ	Pepco Energ	Charles
MD	Morgantown	1573	2	1998 Pepco Energ	Pepco Energ	Charles
MD	Morgantown	1573	2	1999 Pepco Energ	Pepco Energ	Charles
MD	Morgantown	1573	2	2000 Southern Ene	Southern Ene	Charles
MD	Morgantown	1573	2	2001 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	2	2002 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	2	2003 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	2	2004 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	2	2005 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	2	2006 GenOn Mid-A	GenOn Mid-A	Charles
MD	Morgantown	1573	2	2007 GenOn Mid-A	GenOn Mid-A	Charles

MD	Morgantown	1573	2	2008 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573	2	2009 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573	2	2010 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573	2	2011 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573	2	2012 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573	2	2013 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT1	1998	Charles
MD	Morgantown	1573 GT1	1999	Charles
MD	Morgantown	1573 GT1	2000	Charles
MD	Morgantown	1573 GT1	2001	Charles
MD	Morgantown	1573 GT1	2002	Charles
MD	Morgantown	1573 GT2	1998	Charles
MD	Morgantown	1573 GT2	1999	Charles
MD	Morgantown	1573 GT2	2000	Charles
MD	Morgantown	1573 GT2	2001	Charles
MD	Morgantown	1573 GT2	2002	Charles
MD	Morgantown	1573 GT3	1998	Charles
MD	Morgantown	1573 GT3	1999	Charles
MD	Morgantown	1573 GT3	2000	Charles
MD	Morgantown	1573 GT3	2001	Charles
MD	Morgantown	1573 GT3	2002	Charles
MD	Morgantown	1573 GT3	2003	GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT3	2004	GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT3	2005	GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT3	2006	GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT3	2007	GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT3	2008	GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT3	2009	GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT3	2010	GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT3	2011	GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT3	2012	GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT3	2013	GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT4	1998	Charles
MD	Morgantown	1573 GT4	1999	Charles
MD	Morgantown	1573 GT4	2000	Charles
MD	Morgantown	1573 GT4	2001	Charles
MD	Morgantown	1573 GT4	2002	Charles
MD	Morgantown	1573 GT4	2003	GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT4	2004	GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT4	2005	GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT4	2006	GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT4	2007	GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT4	2008	GenOn Mid-AGenOn Mid-ACharles

MD	Morgantown	1573 GT4		2009 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT4		2010 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT4		2011 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT4		2012 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT4		2013 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT5	1998	Charles
MD	Morgantown	1573 GT5	1999	Charles
MD	Morgantown	1573 GT5	2000	Charles
MD	Morgantown	1573 GT5	2001	Charles
MD	Morgantown	1573 GT5	2002	Charles
MD	Morgantown	1573 GT5		2003 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT5		2004 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT5		2005 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT5		2006 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT5		2007 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT5		2008 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT5		2009 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT5		2010 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT5		2011 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT5		2012 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT5		2013 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT6	1998	Charles
MD	Morgantown	1573 GT6	1999	Charles
MD	Morgantown	1573 GT6	2000	Charles
MD	Morgantown	1573 GT6	2001	Charles
MD	Morgantown	1573 GT6	2002	Charles
MD	Morgantown	1573 GT6		2003 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT6		2004 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT6		2005 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT6		2006 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT6		2007 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT6		2008 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT6		2009 GenOn Mid-AGenOn Mid-ACharles
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MD	Morgantown	1573 GT6		2011 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT6		2012 GenOn Mid-AGenOn Mid-ACharles
MD	Morgantown	1573 GT6		2013 GenOn Mid-AGenOn Mid-ACharles
MD	Panda Brand	54832	1	1996 Prince Georg
MD	Panda Brand	54832	1	1997 Prince Georg
MD	Panda Brand	54832	1	1998 Prince Georg
MD	Panda Brand	54832	1	1999 Prince Georg
MD	Panda Brand	54832	1	2000 Prince Georg
MD	Panda Brand	54832	1	2001 Prince Georg

MD	Panda Brand	54832	1	2002	Prince Georg
MD	Panda Brand	54832	1	2003 Ogden Powe	Ogden Powe Prince Georg
MD	Panda Brand	54832	1	2004 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	1	2005 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	1	2006 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	1	2007 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	1	2008 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	1	2009 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	1	2010 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	1	2011 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	1	2012 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	1	2013 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	2	1996	Prince Georg
MD	Panda Brand	54832	2	1997	Prince Georg
MD	Panda Brand	54832	2	1998	Prince Georg
MD	Panda Brand	54832	2	1999	Prince Georg
MD	Panda Brand	54832	2	2000	Prince Georg
MD	Panda Brand	54832	2	2001	Prince Georg
MD	Panda Brand	54832	2	2002	Prince Georg
MD	Panda Brand	54832	2	2003 Ogden Powe	Ogden Powe Prince Georg
MD	Panda Brand	54832	2	2004 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	2	2005 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	2	2006 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	2	2007 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	2	2008 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	2	2009 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	2	2010 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	2	2011 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	2	2012 Panda Brand	Panda Global Prince Georg
MD	Panda Brand	54832	2	2013 Panda Brand	Panda Global Prince Georg
MD	Perryman	1556 **51		1996	Harford
MD	Perryman	1556 **51		1997	Harford
MD	Perryman	1556 **51		1998	Harford
MD	Perryman	1556 **51		1999	Harford
MD	Perryman	1556 **51		2000	Harford
MD	Perryman	1556 **51		2001	Harford
MD	Perryman	1556 **51		2002	Harford
MD	Perryman	1556 **51		2003 Constellation	Constellation Harford
MD	Perryman	1556 **51		2004 Constellation	Constellation Harford
MD	Perryman	1556 **51		2005 Constellation	Constellation Harford
MD	Perryman	1556 **51		2006 Constellation	Constellation Harford
MD	Perryman	1556 **51		2007 Constellation	Constellation Harford
MD	Perryman	1556 **51		2008 Constellation	Constellation Harford

MD	Perryman	1556 CT3		2004 Constellation Constellation Harford
MD	Perryman	1556 CT3		2005 Constellation Constellation Harford
MD	Perryman	1556 CT3		2006 Constellation Constellation Harford
MD	Perryman	1556 CT3		2007 Constellation Constellation Harford
MD	Perryman	1556 CT3		2008 Constellation Constellation Harford
MD	Perryman	1556 CT3		2009 Constellation Constellation Harford
MD	Perryman	1556 CT3		2010 Constellation Constellation Harford
MD	Perryman	1556 CT3		2011 Constellation Constellation Harford
MD	Perryman	1556 CT3		2012 Constellation Constellation Harford
MD	Perryman	1556 CT3		2013 Constellation Constellation Harford
MD	Perryman	1556 CT4	1998	Harford
MD	Perryman	1556 CT4	1999	Harford
MD	Perryman	1556 CT4	2000	Harford
MD	Perryman	1556 CT4	2001	Harford
MD	Perryman	1556 CT4	2002	Harford
MD	Perryman	1556 CT4	2003 Constellation Constellation Harford	
MD	Perryman	1556 CT4	2004 Constellation Constellation Harford	
MD	Perryman	1556 CT4	2005 Constellation Constellation Harford	
MD	Perryman	1556 CT4	2006 Constellation Constellation Harford	
MD	Perryman	1556 CT4	2007 Constellation Constellation Harford	
MD	Perryman	1556 CT4	2008 Constellation Constellation Harford	
MD	Perryman	1556 CT4	2009 Constellation Constellation Harford	
MD	Perryman	1556 CT4	2010 Constellation Constellation Harford	
MD	Perryman	1556 CT4	2011 Constellation Constellation Harford	
MD	Perryman	1556 CT4	2012 Constellation Constellation Harford	
MD	Perryman	1556 CT4	2013 Constellation Constellation Harford	
MD	R. Paul Smith	1570	11	1980 Washington
MD	R. Paul Smith	1570	11	1985 Washington
MD	R. Paul Smith	1570	11	1990 Washington
MD	R. Paul Smith	1570	11	1995 Washington
MD	R. Paul Smith	1570	11	1996 Potomac EdisPotomac EdisWashington
MD	R. Paul Smith	1570	11	1997 Potomac EdisPotomac EdisWashington
MD	R. Paul Smith	1570	11	1998 Potomac EdisPotomac EdisWashington
MD	R. Paul Smith	1570	11	1999 Potomac EdisPotomac EdisWashington
MD	R. Paul Smith	1570	11	2000 Allegheny EnAllegheny En Washington
MD	R. Paul Smith	1570	11	2001 Allegheny EnAllegheny En Washington
MD	R. Paul Smith	1570	11	2002 Allegheny EnAllegheny En Washington
MD	R. Paul Smith	1570	11	2003 Allegheny EnAllegheny En Washington
MD	R. Paul Smith	1570	11	2004 Allegheny EnAllegheny En Washington
MD	R. Paul Smith	1570	11	2005 Allegheny EnAllegheny En Washington
MD	R. Paul Smith	1570	11	2006 Allegheny EnAllegheny En Washington
MD	R. Paul Smith	1570	11	2007 Allegheny EnAllegheny En Washington
MD	R. Paul Smith	1570	11	2008 Allegheny EnAllegheny En Washington

MD	R. Paul Smith	1570	11	2009 Allegheny En Allegheny En Washington
MD	R. Paul Smith	1570	11	2010 Allegheny En Allegheny En Washington
MD	R. Paul Smith	1570	11	2011 Allegheny En Allegheny En Washington
MD	R. Paul Smith	1570	11	2012 Allegheny En Allegheny En Washington
MD	R. Paul Smith	1570	9	1980 Washington
MD	R. Paul Smith	1570	9	1985 Washington
MD	R. Paul Smith	1570	9	1990 Washington
MD	R. Paul Smith	1570	9	1995 Washington
MD	R. Paul Smith	1570	9	1996 Potomac EdisPotomac EdisWashington
MD	R. Paul Smith	1570	9	1997 Potomac EdisPotomac EdisWashington
MD	R. Paul Smith	1570	9	1998 Potomac EdisPotomac EdisWashington
MD	R. Paul Smith	1570	9	1999 Potomac EdisPotomac EdisWashington
MD	R. Paul Smith	1570	9	2000 Allegheny En Allegheny En Washington
MD	R. Paul Smith	1570	9	2001 Allegheny En Allegheny En Washington
MD	R. Paul Smith	1570	9	2002 Allegheny En Allegheny En Washington
MD	R. Paul Smith	1570	9	2003 Allegheny En Allegheny En Washington
MD	R. Paul Smith	1570	9	2004 Allegheny En Allegheny En Washington
MD	R. Paul Smith	1570	9	2005 Allegheny En Allegheny En Washington
MD	R. Paul Smith	1570	9	2006 Allegheny En Allegheny En Washington
MD	R. Paul Smith	1570	9	2007 Allegheny En Allegheny En Washington
MD	R. Paul Smith	1570	9	2008 Allegheny En Allegheny En Washington
MD	R. Paul Smith	1570	9	2009 Allegheny En Allegheny En Washington
MD	R. Paul Smith	1570	9	2010 Allegheny En Allegheny En Washington
MD	R. Paul Smith	1570	9	2011 Allegheny En Allegheny En Washington
MD	R. Paul Smith	1570	9	2012 Allegheny En Allegheny En Washington
MD	Riverside	1559	1	1980 Baltimore
MD	Riverside	1559	1	1985 Baltimore
MD	Riverside	1559	1	1990 Baltimore
MD	Riverside	1559	1	1996 Baltimore
MD	Riverside	1559	1	1997 Baltimore
MD	Riverside	1559	1	1998 Baltimore
MD	Riverside	1559	1	1999 Baltimore
MD	Riverside	1559	1	2000 Baltimore
MD	Riverside	1559	1	2001 Baltimore
MD	Riverside	1559	1	2002 Baltimore
MD	Riverside	1559	2	1980 Baltimore
MD	Riverside	1559	2	1985 Baltimore
MD	Riverside	1559	2	1990 Baltimore
MD	Riverside	1559	2	1996 Baltimore
MD	Riverside	1559	2	1997 Baltimore
MD	Riverside	1559	2	1998 Baltimore
MD	Riverside	1559	2	1999 Baltimore
MD	Riverside	1559	2	2000 Baltimore

MD	Riverside	1559	2	2001	Baltimore
MD	Riverside	1559	2	2002	Baltimore
MD	Riverside	1559	3	1980	Baltimore
MD	Riverside	1559	3	1985	Baltimore
MD	Riverside	1559	3	1990	Baltimore
MD	Riverside	1559	3	1996	Baltimore
MD	Riverside	1559	3	1997	Baltimore
MD	Riverside	1559	3	1998	Baltimore
MD	Riverside	1559	3	1999	Baltimore
MD	Riverside	1559	3	2000	Baltimore
MD	Riverside	1559	3	2001	Baltimore
MD	Riverside	1559	3	2002	Baltimore
MD	Riverside	1559	4	1980	Baltimore
MD	Riverside	1559	4	1985	Baltimore
MD	Riverside	1559	4	1990	Baltimore
MD	Riverside	1559	4	1995	Baltimore
MD	Riverside	1559	4	1996	Baltimore
MD	Riverside	1559	4	1997	Baltimore
MD	Riverside	1559	4	1998	Baltimore
MD	Riverside	1559	4	1999	Baltimore
MD	Riverside	1559	4	2000	Baltimore
MD	Riverside	1559	4	2001	Baltimore
MD	Riverside	1559	4	2002	Baltimore
MD	Riverside	1559	4	2003 Constellation Constellation Baltimore	Baltimore
MD	Riverside	1559	4	2004 Constellation Constellation Baltimore	Baltimore
MD	Riverside	1559	4	2005 Constellation Constellation Baltimore	Baltimore
MD	Riverside	1559	4	2006 Constellation Constellation Baltimore	Baltimore
MD	Riverside	1559	4	2007 Constellation Constellation Baltimore	Baltimore
MD	Riverside	1559	4	2008 Constellation Constellation Baltimore	Baltimore
MD	Riverside	1559	4	2009 Constellation Constellation Baltimore	Baltimore
MD	Riverside	1559	4	2010 Constellation Constellation Baltimore	Baltimore
MD	Riverside	1559	4	2011 Constellation Constellation Baltimore	Baltimore
MD	Riverside	1559	4	2012 Constellation Constellation Baltimore	Baltimore
MD	Riverside	1559	4	2013 Constellation Constellation Baltimore	Baltimore
MD	Riverside	1559	5	1980	Baltimore
MD	Riverside	1559	5	1985	Baltimore
MD	Riverside	1559	5	1990	Baltimore
MD	Riverside	1559	5	1996	Baltimore
MD	Riverside	1559	5	1997	Baltimore
MD	Riverside	1559	5	1998	Baltimore
MD	Riverside	1559	5	1999	Baltimore
MD	Riverside	1559	5	2000	Baltimore
MD	Riverside	1559	5	2001	Baltimore

MD	Riverside	1559	5	2002	Baltimore
MD	Riverside	1559 CT6		1998	Baltimore
MD	Riverside	1559 CT6		1999	Baltimore
MD	Riverside	1559 CT6		2000	Baltimore
MD	Riverside	1559 CT6		2001	Baltimore
MD	Riverside	1559 CT6		2002	Baltimore
MD	Riverside	1559 CT6		2003 Constellation	Constellation Baltimore
MD	Riverside	1559 CT6		2004 Constellation	Constellation Baltimore
MD	Riverside	1559 CT6		2005 Constellation	Constellation Baltimore
MD	Riverside	1559 CT6		2006 Constellation	Constellation Baltimore
MD	Riverside	1559 CT6		2007 Constellation	Constellation Baltimore
MD	Riverside	1559 CT6		2008 Constellation	Constellation Baltimore
MD	Riverside	1559 CT6		2009 Constellation	Constellation Baltimore
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MD	Riverside	1559 CT6		2012 Constellation	Constellation Baltimore
MD	Riverside	1559 CT6		2013 Constellation	Constellation Baltimore
MD	Riverside	1559 CT7		1998	Baltimore
MD	Riverside	1559 CT7		1999	Baltimore
MD	Riverside	1559 CT7		2000	Baltimore
MD	Riverside	1559 CT7		2001	Baltimore
MD	Riverside	1559 CT7		2002	Baltimore
MD	Riverside	1559 CT8		1998	Baltimore
MD	Riverside	1559 CT8		1999	Baltimore
MD	Riverside	1559 CT8		2000	Baltimore
MD	Riverside	1559 CT8		2001	Baltimore
MD	Riverside	1559 CT8		2002	Baltimore
MD	Rock Springs	7835	1	2003 Old Dominion	Cecil
MD	Rock Springs	7835	1	2004 Old Dominion	Cecil
MD	Rock Springs	7835	1	2005 Old Dominion	Cecil
MD	Rock Springs	7835	1	2006 Old Dominion	Cecil
MD	Rock Springs	7835	1	2007 Old Dominion	Consolidated Cecil
MD	Rock Springs	7835	1	2008 Old Dominion	Consolidated Cecil
MD	Rock Springs	7835	1	2009 Old Dominion	North Americ:Cecil
MD	Rock Springs	7835	1	2010 Old Dominion	North Americ:Cecil
MD	Rock Springs	7835	1	2011 Old Dominion	North Americ:Cecil
MD	Rock Springs	7835	1	2012 Old Dominion	North Americ:Cecil
MD	Rock Springs	7835	1	2013 Old Dominion	EP Rock SpriCecil
MD	Rock Springs	7835	2	2003 Old Dominion	Cecil
MD	Rock Springs	7835	2	2004 Old Dominion	Cecil
MD	Rock Springs	7835	2	2005 Old Dominion	Cecil
MD	Rock Springs	7835	2	2006 Old Dominion	Cecil
MD	Rock Springs	7835	2	2007 Old Dominion	Consolidated Cecil

MD	Rock Springs	7835	2	2008 Old Dominion	Consolidated Cecil
MD	Rock Springs	7835	2	2009 Old Dominion	North Americ:Cecil
MD	Rock Springs	7835	2	2010 Old Dominion	North Americ:Cecil
MD	Rock Springs	7835	2	2011 Old Dominion	North Americ:Cecil
MD	Rock Springs	7835	2	2012 Old Dominion	North Americ:Cecil
MD	Rock Springs	7835	2	2013 Old Dominion	EP Rock SpriCecil
MD	Rock Springs	7835	3	2002	Cecil
MD	Rock Springs	7835	3	2003 Consolidated	Consolidated Cecil
MD	Rock Springs	7835	3	2004 Consolidated	Consolidated Cecil
MD	Rock Springs	7835	3	2005 Consolidated	Consolidated Cecil
MD	Rock Springs	7835	3	2006 Consolidated	Consolidated Cecil
MD	Rock Springs	7835	3	2007 Consolidated	Consolidated Cecil
MD	Rock Springs	7835	3	2008 Consolidated	Consolidated Cecil
MD	Rock Springs	7835	3	2009 North Americ:	North Americ:Cecil
MD	Rock Springs	7835	3	2010 North Americ:	North Americ:Cecil
MD	Rock Springs	7835	3	2011 North Americ:	North Americ:Cecil
MD	Rock Springs	7835	3	2012 North Americ:	North Americ:Cecil
MD	Rock Springs	7835	3	2013 EP Rock Spri	EP Rock SpriCecil
MD	Rock Springs	7835	4	2002	Cecil
MD	Rock Springs	7835	4	2003 Consolidated	Consolidated Cecil
MD	Rock Springs	7835	4	2004 Consolidated	Consolidated Cecil
MD	Rock Springs	7835	4	2005 Consolidated	Consolidated Cecil
MD	Rock Springs	7835	4	2006 Consolidated	Consolidated Cecil
MD	Rock Springs	7835	4	2007 Consolidated	Consolidated Cecil
MD	Rock Springs	7835	4	2008 Consolidated	Consolidated Cecil
MD	Rock Springs	7835	4	2009 North Americ:	North Americ:Cecil
MD	Rock Springs	7835	4	2010 North Americ:	North Americ:Cecil
MD	Rock Springs	7835	4	2011 North Americ:	North Americ:Cecil
MD	Rock Springs	7835	4	2012 North Americ:	North Americ:Cecil
MD	Rock Springs	7835	4	2013 EP Rock Spri	EP Rock SpriCecil
MD	Severstal Sp@	10485BLR1		2009 Severstal Sp@	Severstal Sp@Baltimore
MD	Severstal Sp@	10485BLR1		2010 Severstal Sp@	Severstal Sp@Baltimore
MD	Severstal Sp@	10485BLR1		2011 Severstal Sp@	Severstal Sp@Baltimore
MD	Severstal Sp@	10485BLR1		2012 Severstal Sp@	Severstal Sp@Baltimore
MD	Severstal Sp@	10485BLR2		2009 Severstal Sp@	Severstal Sp@Baltimore
MD	Severstal Sp@	10485BLR2		2010 Severstal Sp@	Severstal Sp@Baltimore
MD	Severstal Sp@	10485BLR2		2011 Severstal Sp@	Severstal Sp@Baltimore
MD	Severstal Sp@	10485BLR2		2012 Severstal Sp@	Severstal Sp@Baltimore
MD	Severstal Sp@	10485BLR3		2009 Severstal Sp@	Severstal Sp@Baltimore
MD	Severstal Sp@	10485BLR3		2010 Severstal Sp@	Severstal Sp@Baltimore
MD	Severstal Sp@	10485BLR3		2011 Severstal Sp@	Severstal Sp@Baltimore
MD	Severstal Sp@	10485BLR3		2012 Severstal Sp@	Severstal Sp@Baltimore
MD	Severstal Sp@	10485BLR4		2009 Severstal Sp@	Severstal Sp@Baltimore

MD	Severstal Sp&Amp;	10485BLR4		2010 Severstal Sp&Amp; Severstal Sp&Amp; Baltimore	
MD	Severstal Sp&Amp;	10485BLR4		2011 Severstal Sp&Amp; Severstal Sp&Amp; Baltimore	
MD	Severstal Sp&Amp;	10485BLR4		2012 Severstal Sp&Amp; Severstal Sp&Amp; Baltimore	
MD	Vienna	1564	10	1999	Dorchester
MD	Vienna	1564	10	2000	Dorchester
MD	Vienna	1564	10	2001	Dorchester
MD	Vienna	1564	10	2002	Dorchester
MD	Vienna	1564	8	1980	Dorchester
MD	Vienna	1564	8	1985	Dorchester
MD	Vienna	1564	8	1990	Dorchester
MD	Vienna	1564	8	1995	Dorchester
MD	Vienna	1564	8	1996	Dorchester
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MD	Vienna	1564	8	2007 Vienna PoweVienna Powe Dorchester	
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MD	Vienna	1564	8	2012 Vienna PoweVienna Powe Dorchester	
MD	Vienna	1564	8	2013 Vienna PoweVienna Powe Dorchester	
MD	Westport	1560	3	1980	Baltimore (Cit)
MD	Westport	1560	3	1985	Baltimore (Cit)
MD	Westport	1560	3	1990	Baltimore (Cit)
MD	Westport	1560	3	1996	Baltimore (Cit)
MD	Westport	1560	3	1997	Baltimore (Cit)
MD	Westport	1560	3	1998	Baltimore (Cit)
MD	Westport	1560	3	1999	Baltimore (Cit)
MD	Westport	1560	3	2000	Baltimore (Cit)
MD	Westport	1560	3	2001	Baltimore (Cit)
MD	Westport	1560	3	2002	Baltimore (Cit)
MD	Westport	1560	4	1980	Baltimore (Cit)
MD	Westport	1560	4	1985	Baltimore (Cit)
MD	Westport	1560	4	1990	Baltimore (Cit)
MD	Westport	1560	4	1996	Baltimore (Cit)

MD	Westport	1560	4	1997	Baltimore (Cit)
MD	Westport	1560	4	1998	Baltimore (Cit)
MD	Westport	1560	4	1999	Baltimore (Cit)
MD	Westport	1560	4	2000	Baltimore (Cit)
MD	Westport	1560	4	2001	Baltimore (Cit)
MD	Westport	1560	4	2002	Baltimore (Cit)
MD	Westport	1560 CT5		1998	Baltimore (Cit)
MD	Westport	1560 CT5		1999	Baltimore (Cit)
MD	Westport	1560 CT5		2000	Baltimore (Cit)
MD	Westport	1560 CT5		2001	Baltimore (Cit)
MD	Westport	1560 CT5		2002	Baltimore (Cit)
MD	Westport	1560 CT5		2003	Constellation Constellation Baltimore (Cit)
MD	Westport	1560 CT5		2004	Constellation Constellation Baltimore (Cit)
MD	Westport	1560 CT5		2005	Constellation Constellation Baltimore (Cit)
MD	Westport	1560 CT5		2006	Constellation Constellation Baltimore (Cit)
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MD	Westport	1560 CT5		2008	Constellation Constellation Baltimore (Cit)
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MD	Westport	1560 CT5		2010	Constellation Constellation Baltimore (Cit)
MD	Westport	1560 CT5		2011	Constellation Constellation Baltimore (Cit)
MD	Westport	1560 CT5		2012	Constellation Constellation Baltimore (Cit)
MD	Westport	1560 CT5		2013	Constellation Constellation Baltimore (Cit)

Capacity Input (MMBtu/hr)

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State	Facility Name	Facility ID (C)	Year	NOx (tons)
MD	AES Warrior	10678	2012	580.018
MD	Brandon Shor	602	2012	4139.641
MD	C P Crane	1552	2012	1817.019
MD	Chalk Point	1571	2012	4689.398
MD	Dickerson	1572	2012	1488.249
MD	Gould Street	1553	2012	23.319
MD	Herbert A Wa	1554	2012	1557.541
MD	Luke Paper C	50282	2012	2775.008
MD	Morgantown	1573	2012	817.96
MD	Panda Brand	54832	2012	83.578
MD	Perryman	1556	2012	61.988
MD	R. Paul Smith	1570	2012	167.211
MD	Riverside	1559	2012	37.302
MD	Rock Springs	7835	2012	69.614
MD	Severstal Sp	10485	2012	
MD	Vienna	1564	2012	9.708
MD	Westport	1560	2012	16.849

Honeywell Nylon Consent Decree Estimate of Reduction Using the Air Water Exchange Method 8-13-13. Final Consent D

Conversion factor from NO₂ to N = 0.30435

Assume the units of the transfer function are kg-N to English Tons N Emissions

Honeywell Nylon Consent Decree Reduction Estimate Deposited on Watershed

Total NO_x "as NO₂" since that is how DEQ writes the permit limits = 5693.4 tons/yr net emiss

Total NO_x as N = 1732.77391 tons/yr net emission decrease

Decrease of N deposition on CB Watershed = 246,314 kg/yr net deposition decrease

543,028 lb/yr net deposition decrease

Honeywell Nylon Consent Decree Reduction Estimate Delivered to Bay

Watershed average = 0.07124

543,028 lb/yr net deposition decrease time watershed average N attenuation = 0.07124 * 543,028 lb/yr =

Honeywell Nylon Consent Decree Reduction Estimate to Tidal Bay

Total NOx as N = 1732.77391 tons/yr net **emission decrease**

Decrease of N deposition on Tidal Bay = 18,766 kg/yr net **deposition decrease**
41,372 lb/yr net **deposition decrease**

TOTAL ESTIMATED DELIVERED N LOAD TO CB DUE TO HONEYWELL NYLON CONSENT DECREE REDUCTION

38,686 lbs/yr decreased N load to the Bay from CB Watershed

41,372 lb/yr net **deposition decrease** to tidal Bay

80,057 lbs/yr decreased N load to the Bay from CB Watershed and Tidal Bay

ecree filed with the court the week of July 21, 2013. (Air Water N Exchange Credit applied when reductin is fully implemen

[Honeywell agrees to \\$3 million penalty and po](#)

Honeywell agrees to \$3 million penalty and

Posted: Friday, March 29, 2013 12:00 am | *Up*
BY JOHN REID BLACKWELL Richmond Time
A division of Honeywell International Inc. has a
Federal authorities announced the agreement

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BY JOHN REID BLACKWELL Richmond Time
A division of Honeywell International Inc. has a
Federal authorities announced the agreement

Under a proposed consent decree filed in U.S.
The Environmental Protection Agency and the
Honeywell admitted no violations but has certi

ion decrease

The \$3 million penalty will be split evenly betw
“Honeywell is committed to the highest standa
Honeywell has agreed “to modernize our Hope
Government officials said the plant also failed t
The Hopewell plant was built in 1928 as part o
The EPA said the equipment upgrades would r

38,686 lbs/yr decreased N load to the Bay from CB Watershed

ted.)

Pollution upgrades at Hopewell plant

Pollution upgrades at Hopewell plant

dated: 11:59 pm, Fri Mar 29, 2013.

s-Dispatch

greed to pay a \$3 million civil penalty for alleged pollution violations at the company's Hopewell plant.

Thursday.

dated: 11:59 pm, Fri Mar 29, 2013.

s-Dispatch

greed to pay a \$3 million civil penalty for alleged pollution violations at the company's Hopewell plant.

Thursday.

. District Court in Richmond, Honeywell Resins and Chemicals LLC also agreed to upgrade pollution-control equipment an U.S. Department of Justice said in a statement that the plant exceeded limits under the Clean Air Act on emissions of **nitro** fied the plant is now in compliance.

een the federal and state governments.

rds of environmental compliance and sustainability at every one of our facilities," company spokesman Peter Dalpe said in well site's environmental control systems while continuing to meet current and future demand for products produced at Ho o comply with requirements to upgrade air pollution control equipment, to detect and repair leaks of hazardous air pollutant f Allied Chemical and now employs more than 600 people. It makes caprolactam, a chemical feedstock used in the produc educe annual emissions of **nitrogen** oxide by about 6,260 tons, and cut annual emissions of benzene and other air pollutan

d perform a \$1 million mitigation project at the plant on East Randolph Road.
gen oxide, benzene and other volatile organic compounds and particulate matter.

a statement.

pewell," Dalpe said. "Upgrades to these systems are already under way."
ts, and to develop safeguards on benzene waste.
tion of fertilizer and nylon polymer for carpet fibers, plastics and films.
ts by 100 tons. The total cost of those upgrades is estimated at \$66 million.